RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/036,918A_

Source: _OIPE_

Date Processed by STIC: _6/25/2003_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO **REDUCE** ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
    U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
            Or
    U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/036,918A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 ____ Wrapped Nucleics / Wrapped Aminos — The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 ____ Invalid Line Length — The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 ____ Misaligned Amino Numbering — The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 ____ Non-ASCII — The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 ____ Variable Length — Sequence(s) ____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 ____ PatentIn 2.0 "bug" — A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7 ____ Skipped Sequences (OLD RULES) — Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 ____ Skipped Sequences (NEW RULES) — Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9 ____ Use of n's or Xaa's (NEW RULES) — Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.

10 ____ Invalid <213> Response — Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11 ____ Use of <220> — Sequence(s) ____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of Sequence Rules)

12 ____ PatentIn 2.0 "bug" — Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 ____ Misuse of n — n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

AMC/MH – Biotechnology Systems Branch – 08/21/2001

OIPE

RAW SEQUENCE LISTING   DATE: 06/25/2003
PATENT APPLICATION: **US/10/036,918A**   TIME: 15:32:33

Input Set : **A:\PTO.DA.txt**
Output Set: **N:\CRF4\06252003\J036918A.raw**

```
 1 <110> APPLICANT: Srinivasan, Ananthachari
 2        Erion, Jack L.
 3        Schmidt, Michelle A.
 5 <120> TITLE OF INVENTION: LABELED NEUROTENSIN DERIVATIVES
 7 <130> FILE REFERENCE: 1405Q
 9 <140> CURRENT APPLICATION NUMBER: US/10/036,918A
10 <141> CURRENT FILING DATE: 2001-12-21
12 <150> PRIOR APPLICATION NUMBER: 60/140,913
13 <151> PRIOR FILING DATE: 1999-06-23
15 <150> PRIOR APPLICATION NUMBER: 60/213,068
16 <151> PRIOR FILING DATE: 2000-06-21
18 <160> NUMBER OF SEQ ID NOS: 6
20 <170> SOFTWARE: PatentIn Ver. 2.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 13
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <221> NAME/KEY: MOD_RES
29 <222> LOCATION: (1)
30 <223> OTHER INFORMATION: Pyroglutamic acid.
32 <400> SEQUENCE: 1
33 Xaa Leu Tyr Glu Asn Lys Pro Arg Arg Pro Tyr Ile Leu
34  1               5                   10
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 6
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <221> NAME/KEY: MOD_RES
43 <222> LOCATION: (1)
44 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to this
residue.
46 <220> FEATURE:
47 <221> NAME/KEY: MOD_RES
48 <222> LOCATION: (1)..(2)
49 <223> OTHER INFORMATION: These two residues are joined by a pseudo peptide bond.
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide with a
pseudopeptide
53        bond.
55 <400> SEQUENCE: 2
56 Lys Arg Pro Tyr Ile Leu
57  1               5
```

C--> (handwritten annotation at line 10)

W--> (handwritten annotation at line 33)

(handwritten annotations): all items 11 on Errar Summary Sheet

Does Not Comply
Corrected Diskette Needed
error on p. 1 only

59 <210> SEQ ID NO: 3

```
 60 <211> LENGTH: 6
 61 <212> TYPE: PRT
 62 <213> ORGANISM: Artificial Sequence
 64 <220> FEATURE:
 65 <221> NAME/KEY: MOD_RES
 66 <222> LOCATION: (1)
 67 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to this
residue.
 69 <220> FEATURE:
 70 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
 72 <400> SEQUENCE: 3
 73 Arg Arg Pro Tyr Ile Leu
 74   1                 5
 76 <210> SEQ ID NO: 4
 77 <211> LENGTH: 8
 78 <212> TYPE: PRT
 79 <213> ORGANISM: Artificial Sequence
 81 <220> FEATURE:
 82 <221> NAME/KEY: MOD_RES
 83 <222> LOCATION: (1)
 84 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to this
residue.
 86 <220> FEATURE:
 87 <221> NAME/KEY: MOD_RES
 88 <222> LOCATION: (1)
 89 <223> OTHER INFORMATION: This residue is piperidinylglycine.
 93 <220> FEATURE:
 94 <221> NAME/KEY: MOD_RES
 95 <222> LOCATION: (3)
 96 <223> OTHER INFORMATION: This residue is (N-amidinopiperidinyl) glycine.
 98 <220> FEATURE:
 99 <221> NAME/KEY: MOD_RES
100 <222> LOCATION: (7)
101 <223> OTHER INFORMATION: This residue is t-butylglycine.
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
106 <400> SEQUENCE: 4
W--> 107 Xaa Pro Xaa Arg Pro Tyr Xaa Leu
108    1           -    5
110 <210> SEQ ID NO: 5
111 <211> LENGTH: 8
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
118 <220> FEATURE:
119 <221> NAME/KEY: MOD_RES
120 <222> LOCATION: (1)
121 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to
this residue.
123 <220> FEATURE:
124 <221> NAME/KEY: MOD_RES
```

RAW SEQUENCE LISTING   DATE: 06/25/2003
PATENT APPLICATION: **US/10/036,918A**   TIME: 15:32:33

Input Set : **A:\PTO.DA.txt**
Output Set: **N:\CRF4\06252003\J036918A.raw**

```
    125 <222> LOCATION: (1)
    126 <223> OTHER INFORMATION: This residue is trans-(4-aminomethyl) cyclohexylalanine.
    128 <220> FEATURE:
    129 <221> NAME/KEY: MOD_RES
    130 <222> LOCATION: (3)
    131 <223> OTHER INFORMATION: This residue is (N-amidinopiperidinyl) glycine.
    133 <220> FEATURE:
    134 <221> NAME/KEY: MOD_RES
    135 <222> LOCATION: (7)
    136 <223> OTHER INFORMATION: This residue is t-butylglycine.
    138 <400> SEQUENCE: 5
W--> 139 Xaa Pro Xaa Arg Pro Tyr Xaa Leu
    140    1           5
    142 <210> SEQ ID NO: 6
    143 <211> LENGTH: 8
    144 <212> TYPE: PRT
    145 <213> ORGANISM: Artificial Sequence
    147 <220> FEATURE:
    148 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
    150 <220> FEATURE:
    151 <221> NAME/KEY: MOD_RES
    152 <222> LOCATION: (1)
    153 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to
this residue.
    155 <220> FEATURE:
    156 <221> NAME/KEY: MOD_RES
    157 <222> LOCATION: (1)
    158 <223> OTHER INFORMATION: This residue is piperidinylalanine.
    160 <220> FEATURE:
    161 <221> NAME/KEY: MOD_RES
    162 <222> LOCATION: (3)
    163 <223> OTHER INFORMATION: This residue is (N-amidinopiperidinyl) glycine.
    165 <220> FEATURE:
    166 <221> NAME/KEY: MOD_RES
    167 <222> LOCATION: (7)
    168 <223> OTHER INFORMATION: This residue is t-butylglycine.
    170 <400> SEQUENCE: 6
W--> 171 Xaa Pro Xaa Arg Pro Tyr Xaa Leu
    172    1           5
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/25/2003
PATENT APPLICATION: US/10/036,918A   TIME: 15:32:34

Input Set : **A:\PTO.DA.txt**
Output Set: **N:\CRF4\06252003\J036918A.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1
Seq#:4; Xaa Pos. 1,3,7
Seq#:5; Xaa Pos. 1,3,7
Seq#:6; Xaa Pos. 1,3,7

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:2; Line(s) 52